

**In the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims**

**Claims 1-13 (Cancelled)**

**Claim 14 (New)** A wireless communication apparatus comprising:

a functional element group including a plurality of functional elements each performing a first function and a second function, wherein the first function is a wireless communication, the second function is measuring a physical value, and the functional element group is capable of measuring the physical value in a broader range rather than a range measured by each one of the functional elements and forms a network system arranged to perform a wireless communication among the functional elements through the first function; and

a base station for collectively managing the plurality of functional elements and for wireless communication with each of the functional elements to control the functional element group or to receive data from the plurality of functional elements.

**Claim 15 (New)** A wireless communication apparatus according to claim 1, wherein the functional elements are used in different environments.

**Claim 16 (New)** A wireless communication apparatus according to claim 1, wherein the functional elements sense respectively different object substances through measuring the physical value by the second function.

**Claim 17 (New)** A driving method for wireless communication apparatus comprising:

a functional element group including a plurality of functional elements each performing a first function and a second function, wherein the first function is a wireless communication, the second function is measuring a physical value, and the functional element group is capable of measuring the physical value in a broader range rather than a range measured by each one of the functional elements and forms a network system arranged to perform a wireless communication among the functional elements through the first function; and

a base station for collectively managing the plurality of functional elements, the method comprising steps of:

controlling the functional element group based on the wireless communication between the base station and each of the functional elements; and

receiving and transmitting a data between the base station and each of the functional elements.